

1. A process for chemically treating a metallic part comprising:
 - providing a process tank capable of receiving at least one part;
 - providing at least one part to the process tank;
 - providing an alkaline first solution into the process tank from a first storage tank;
 - removing the first solution from the process tank into a transition tank;
 - providing a deoxidizing second solution into the process tank from a second storage tank;
 - removing the second solution from the process tank into the transition tank;
 - providing a third coating solution having a pH of about 1.0 to about 3.0 into the process tank from a third storage tank; and
 - removing the third solution from the process tank into the transition tank.

2. The process of Claim 1, wherein the second solution is a deoxidizer or etchant.

3. The process of Claim 1, wherein the third solution comprises sodium dichromate.

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removing the sixth solution from the process tank into a sixth transition tank.

9. The process of Claim 8, wherein the third solution is a deoxidizer or etchant.
10. The process of Claim 8, wherein the fifth solution comprises sodium dichromate.
11. The process of Claim 8, wherein the third solution comprises nitric acid.
12. The process of Claim 8, wherein the third solution has a pH of about 1.0-3.0.
13. The process of Claim 8, wherein the fourth solution comprises sulfuric acid.
14. An apparatus for chemically treating a part comprising: a first storage tank capable of receiving an alkaline solution; a second storage tank capable of receiving a chemical polish solution; a third storage tank capable of receiving a deoxidizing solution; a fourth storage tank capable of receiving an anodizing solution; a fifth storage tank capable of receiving a dichromate sealing solution; and a sixth storage tank capable of receiving a coating solution, wherein each of the first, second, third, fourth, fifth, and sixth storage tanks are in fluid communication with a process tank capable of receiving at least one metallic part; first, second, third, fourth, fifth, and sixth transition tanks, wherein the first, second, third, fourth, fifth, and sixth transition tanks are in fluid communication with the process tank, and wherein the first, second, third,

fourth, fifth, and sixth transition tanks are in fluid communication with the first, second, third, fourth, fifth, and sixth storage tanks.

15. A process for acidically treating and anodizing a metallic part comprising:

providing a process tank capable of receiving at least one part;

providing at least one part to the process tank;

providing an alkaline solution into the process tank from an alkaline solution storage tank;

removing the alkaline solution from the process tank into a first transition tank;

providing a deoxidizing solution into the process tank from a deoxidizing solution storage tank;

removing the deoxidizing solution from the process tank into a transition tank;

providing an anodizing solution into the process tank from an anodizing solution storage tank;

removing the anodizing solution from the process tank into a transition tank;

providing a dichromate sealing solution into the process tank from a sealing solution storage tank; and

removing the sealing solution from the process tank into a transition tank.